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TITLE: REFLECTION PREVENTING FILM AND DISPLAY DEVICE EQUIPPED

THEREWITH

PUBN-DATE: October 8, 1996

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ABSTRACT:

PURPOSE: To provide a high capacity reflection preventing film reduced in reflection over a wide visible wavelength region and a display device equipped therewith.

CONSTITUTION: A reflection preventing film is composed of a laminated film having a film containing coloring matter having an absorption peak within a near infrared region of 700-900nm or coloring matter having an absorption peak within a region of 600-700nm or both of them as the uppermost layer and has a film containing coloring matter having an absorption peak within a region of 500-600nm just under the uppermost layer and utilizes the change of reflectivity caused by the refractive index abnormal dispersion of the coloring matter-containing films. By this c nstituti n, the refractive index f the layer just under the uppermost layer is abn rmally dispersed by the absorption of red c I ring matter and the reflectin preventing film I w in reflectin

over an entire visible light regi n by the balance of the refractive index with the layer containing coloring matter having abs rption within a near infrared region r blue col ring matter r both f them f the upperm st layer can be produced. Further, the red col ring matter having an abs rption peak within the region of 500-600nm contained in the layer just under the uppermost layer absorbs side bands of green and red to enhance color purity.

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